

LEBEDEV, B.G.; LEVITSKIY, V.A.; BURTSEV, V.A.

Reaction equilibrium of the reduction of cobalt orthosilicate
by carbon monoxide. Zhur. fiz. khim. 36 no.4:877-380 Ap
'62. (MIRA 15:6)

1. Moskovskiy institut stali i Moskovskiy gosudarstvennyy
universitet imeni Lomonosova.
(Oxidation-reduction reaction) (Cobalt silicates)
(Carbon monoxide)

BURTSEVA, V.A.

Device for increasing the precision of pressing-on of the wheel center. Elek. 1 tepl. tiaga 4 no. 12:6-7 D '60. (MIRA 14:1)

1. Master otdela tekhnicheskogo kontrolya Astrakhanskogo zavoda.

(Diesel locomotives--Repairs)

BURTSEV, V.T.; KARASEV, R.A.; POBEGAYLO, V.M.; SAMARIN, A.M.; KHEBNIKOV, A.Ye.

Desulfuration of liquid iron in vacuum. Izv. vys. ucheb. zav.;
chern. met. 5 no.5:86-93 '62. (MIRA 15:6)

1. Institut metallurgii im. Baykova.
(Iron-metallurgy) (Desulfuration)

BURTSEVA, YE. G.

14(6), 8(0) PHASE I BOOK EXPLOITATION SOV/3071

Akademiya nauk SSSR, Energeticheskii institut

Elektroenergetika, vyp. 1 (Electric Power Engineering, No. 1) Moscow, Izd-vo AN SSSR, 1959. P. Errata slip inserted. 2,800 copies printed.

Eds. of Publishing House: P. P. Orlov and Ye. M. Grigor'ev; Tech. Ed.: Ye. G. Burtseva; Editorial Board: Yu. G. Tolstov, Doctor of Technical Sciences; I. S. Stekol'nikov, Doctor of Technical Sciences; P. I. Zubkov, Candidate of Technical Sciences; I. I. Kostov, G. V. Mikhnevich, Candidate of Technical Sciences; M. D. Bol'shev (Secretary), Candidate of Technical Sciences, and M. D. Bol'shev (Secretary), Candidate of Technical Sciences.

PURPOSE: This collection of articles is intended for specialists in the various fields of electric power engineering treated in it.

COVERAGE: The first issue of the collection of articles, Elektroenergetika, appeared in April 1959. It is published by ENIN (Energeticheskiy Nauchno-Issledovatskiy Institut) of the Academy of Sciences, USSR. The articles in this issue are based on research and work by the authors in the various fields of ENIN. The articles are on a high technical and technical level and represent original contributions to various present-day problems in electrical engineering. References are given after most of the articles.

TABLE OF CONTENTS:

Tolstov, Yu. G., and A. L. Sarkisov. Arc Rectifiers With Increased Pressure 3

In 1954 and 1955 several theoretical and experimental investigations were made at the Institute in order to determine the possibility of using hot-cathode arc rectifiers with increased pressure for long-distance d-c power transmission. The investigations were aimed at improving the parameters of arc rectifiers produced in Germany before and during the war. The authors conclude that, despite improvements, modern arc rectifiers are superior to the hot-cathode arc rectifiers. The use of the former in long-distance d-c power transmission. The following organizations and scientific personnel participated in the investigation: together with ENIN: IMET - D. A. Petrov, A. P. Korotkov, and the welding section: Academy of Sciences, USSR - M. N. Byalin, Corresponding Member of the Academy, I. D. Kulagin, A. I. Pugina and others. There are 4 references: 3 Soviet and 1 German.

Kayman, L. R., Ye. G. Burtseva, and S. R. Altshuler. Model of D-C Electric Power Transmission System of the Power Engineering Laboratory/ Izvestiya M. A. Shatelen, ENIN AN SSSR 12

This d-c high-voltage network analyzer (model) was built at the Academy in 1957/58. The following investigations are being conducted with its increase of reliability and stability of network operation and effect of d-c electric power transmission on the static and dynamic stability of an a-c power system. The investigations are being conducted under the supervision of L. R. Kayman, Corresponding Member of the Academy of Sciences, USSR. There are no references.

Kovalov, P. I., and G. P. Moshkova. High-Frequency Oscillations in Rectifying Units With Saturable Reactors 20

As a result of investigations conducted at the ENIN, ENIN and other organizations, methods were developed for damping complex oscillations generated in converter installations. This was accomplished by attaching a bypass circuit consisting of capacitors and power transformer phases. There are 6 references: 2 Soviet, 2 English, 1 German and 1 Italian.

SVINAREV, V.I.; BURTSEVA, Ye.S.

Secondary salinization of the desert soils of the Kyzylkum during irrigation with artesian waters and ways for its elimination. Pochvovedenie no.1:28-31 Ja '64.
(MIRA 17:3)

1. Vsesoyuznyy institut karakulevodstva.

TESIS, Ya.A.; BURTSEVA, Ye.V.; TARASOV, V., red.; ABBASOV, T., tekhred.

[Experience of the foremost workers of the Altyn Topkan Combine]
Opyt raboty peredovikov Altyn-Topkanskogo kombinata. Tashkent,
Gos.izd-v. Uzbekskoi SSR, 1960. 29 p.

(MIRA 14:3)

(Altyn Topkan--Zinc mines and mining)
(Altyn Topkan--Lead mines and mining)
(Altyn Topkan--Ore dressing)

BURTSEVA, Z.A.; POROTOVA, G.A.

New data on alkali intrusions in the Turiy Peninsula. Mat. po
geol. i pol. iskop. Sev.-Zap. RSFSR no.3:143-148 '62.
(MIRA 17:12)

BURTSEVA, Z.I.

MILLER, A.V., (Voronezh); BURTSEVA, Z.I., (Voronezh); GOL'DBERG, I.M., professor, zaveduyushchiy.

Role of the neural mechanism in the treatment of traumatic and hemorrhagic shocks. Arkh.pat. 15 no.2:34-38 Mr-Apr '53. (MLRA 6:5)

1. Kafedra patologicheskoy fiziologii Voronezhskogo meditsinskogo instituta. (Shock)

BURTS'O, I.I.

Gynatresia detected during labor. Akush. i gin. 33 no.2:106
Mr-Apr '57. (MLRA 10:6)

1. Iz akushersko-ginekologicheskogo otdeleniya (zav. I.I.Burts'o)
Starovyzhevskoy rayonnoy bol'nitsy (blavnyy vrach G.G.Flavskiy)
Volynskoy oblasti.
(LABOR, COMPLICATED)
(VAGINA--ABNORMALITIES AND DEFORMITIES)

BURTYANSKIY, D.L.

Our modification in contrast staining of smears from bone marrow and from peripheral blood. Lab. delo 5 no.3:25 My-Je '59. (MIRA 12:6)

1. Iz Psikhiatricheskoy kliniki (zav. - prof. V.A. Glazov) Respublikan-skoy klinicheskoy bol'nitsy Dagestanskoy ASSR, Moskva.
(MARROW) (STAINS AND STAINING (MICROSCOPY))

BURTYANSKIY, D.L.

Data from morphological and histochemical studies of the bone marrow and peripheral blood of schizophrenics. Trudy Gos.nauch.-issl.inst.psikh. 27:162-168 '61. (MIRA 15:10)

1. Dagestanskiy meditsinskiy institut. Dir. - prof. M.G.Nagornyy.
Kafedra psikhiiatrii. Zav. - zasluzhennyy deyatel' nauki Dagestanskoy
ASSR prof. V.A.Glazov.
(SCHIZOPHRENIA) (MARROW) (BLOOD--EXAMINATION)

BURTYANSKIY, D.L.

Histochemical investigations of intracellular peroxidase and
oxidase in leucocytes from healthy persons. Lab. delo 7 no.3:
17-19 Mr '61. (MIRA 14:3)

1. Psikhiatricheskaya klinika (zav. - prof. V.A.Glazov) Dagestan-
skogo meditsinskogo instituta.
(ENZYMES) (LEUCOCYTES)

GENES, S.G.; ALAPIN, G.Ya.; BURTYANSKIY, I.L.

Effect of the thyroid hormone on vicarious processes of the residual kidney following unilateral nephrectomy. Urologia 24 no.3:19-25
My-Je '59. (MIRA 12:12)

1. Iz Ukrainского instituta eksperimental'noy endokrinologii (dir. - starshiy nauchnyy sotrudnik S.V. Maksimov), Ukrainского instituta usovershenstvovaniya vrachey (dir. - dots. I.I. Ovsienko) i 2-y Sovetskoy bol'nitsy.

(NEPHRECTOMY, exper.

eff. of thyroxin on residual kidney in animals (Rus))

(THYROXIN, eff.

on residual kidney after unilateral nephrectomy in animals (Rus))

GENES, S.G.; ALAPIN, G.Ya.; BURTYANSKIY, I.L. (Khar'kov)

Influence of sex hormones on compensatory hypertrophy of the
kidneys. Urologiia no.6:28-34 '60. (MIRA 15:5)

1. Iz Ukrainskogo instituta eksperimental'noy endokrinologii
(dir. S.V. Maksimov) Instituta usovershenstvovaniya vrachey
(dir. I.I. Ovsienko) i 2-y Sovetskoy bol'nitsy.
(KIDNEYS—DISEASES) (HORMONES, SEX)

ALAPIN, G.Ya.; GENES, S.G.; BORTYANSKIY, I.I.

Treatment of cancer of the prostate with chlortrianisene. Uro-
logia no.1:69-71 '62. (MIRA 15:11)

1. Iz Ukrainского instituta eksperimental'noy endokrinologii,
Instituta usovershenstvovaniya vrachey i 2-y Sovetskoy bol'nitsy
(Khar'kov).

(PROSTATE—CANCER) (CHLOROTRIANISENE)

BURTYANSKIY, I.L.

Compensatory hypertrophy of the kidneys in the hypofunction of the thyroid gland. Trudy Ukr. nauch.-issl. inst. eksper. endok. 19:255-260 '64. (MIRA 18:7)

1. Iz otdela patofiziologii i urologicheskogo otdeleniya 2-y gorodskoy bol'nitsy goroda Khar'kova.

YAKUSHKIN, T., red.; BURTYNSKIY, A., red.; POPOVA, M., tekhn. red.

[Economy of Mordovia; a statistical manual] Narodnoe khoziaistvo
Mordovskoi ASSR: statisticheskii sbornik. Saransk, Mordovskoe
knizhnoe izd-vo, 1958. 142 p. (MIRA 11:6)

1. Mordovakaya A.S.S.R. Statisticheskoye upravleniye.
(Mordovia--Statistics)

BURTYS, N.A.

Surface improvement of meadow by the use of the herbicide 2,4-D
and mineral fertilizers. Biol. Inst. biol. AN BSSR no.5:42-48
'60. (MIRA 14:7)

(NEMAN VALLEY PASTURES AND MEADOWS - FERTILIZERS AND MANURES)

(23-D)

KRUGANOVA, Ye.A.; YURKEVICH, I.D.; YASINSKIY, I.I.; BURTYS, N.A.

Poisonous and rare meadow plants in the basin of the Neman River.
Sbor. nauch. rab. Bel. otd. VBO no.3:43-54 '61. (MIRA 14:12)
(Neman Valley—Poisonous plants)

BURTYS, N.A.

Recent data on the occurrence of *Agrostis syreistschikovii* P.Smirn.
in the White Russian S.S.R. Dokl. AN BSSR 5 no.12:585-588 D '61.
(MIRA 15:1)

1. Institut biologii AN BSSR. Predstavleno akademikom AN BSSR
I.D.Yurkevichem.

(White Russia--Bent grass)

BURTIS, N. A.

Ecologicophycenotical, and agrobotanical analyses of meadow
plants in the Neman floodplain. Est.; issl. Bel. otd. VBO no. 6;
54-61 '64. (MIRA 18:7)

KRUGANOVA, Yu.A.; KIM, G.A.; BURTYIS, N.A.

Meadows in the Valuvka floodplain and the ways of their transformation
Bot.; issl. Bel. otd. VBO no.6:61-69 '64. (MIRA 18:7)

BURTYS, Yu. F. [Burtys, IU. F.]

Percolation stability of unburdened sandy soils of the White
Russian Polesye. Vestsi AN BSSR. Ser. fiz.-tekhn. nav. no.1:
98-102 '63. (MIRA 16:4)

(Polesye—Soil percolation)

BURU, Janos, dr.

A Morse telegraph is needed. Magy vasut 6 no.24:5 15 D '62.

1. Nemzetkozi radiotavirasz.

BURU, Janos, dr.

~~Organization of the central radio club.~~ Magyar Vasut 7 no.16:4
15 Ag '63.

EURU, Janos, dr., nemzetkozi radiotavirasz

To the attention of radio amateurs! Magy vasut 7 no.21:4
2N '63.

ANDREYEVA, A., inzh.; BURUCHENKOV, Yu., tekhnik

Redesigning of the "Luch" television receiver for operation with
35LK2B picture tubes. Radio no.4:33-34 Ap '61. (MIRA 14:7)
(Television—Receivers and reception)

BOSZORMENYI, Zoltan, dr.; BURUCS, Janos, dr.; NAGY, Tibor, dr.

Frenolon and perphenazine in psychiatric practice. Ideggyogy. szemle
14 no.8:247-256 Ag '61.

1. Országos Ideg- és Elmegyógyintézet (Igazgató: Maria Bela dr.).

(PERPHENAZINE ther) (MENTAL DISORDERS ther)

BURULIANA, L.; PAVIS, V.

Results of the polarographic analysis, and their significance during the purification of hyaluronidase. In French. p. 213.

REVUE DE CHIMIE. JOURNAL OF CHEMISTRY.. (Academia Republicii Populare Romine)
Bucuresti, Rumania. Vol. 2, no. 2, 1957.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

1ST AND 2ND SEPARA										3RD AND 4TH SEPARA									
PROCESSING AND PROPERTIES INDEX																			
<i>BC</i> <i>BURULIANA, L.</i> <i>A-4</i> Colometric determination of proteins. L. BURULIANA (Bul. Soc. Chim. Roumains, 1936, 18, 191-199).—Dil. milk (1:5) adjusted to pH 4.7 ppts. casein. This when boiled with conc. HNO₃ and neutralized with 60% KOH affords an orange colour which is compared with a K₂Cr₂O₇-KMnO₄ standard. Serum proteins are determined by applying the above reaction to the globulin fraction (pptd. with 50% (NH₄)₂SO₄) and to the filtrate after the latter is separated. J. L. D.																			
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
SECTION 1										SECTION 2									
SECTION 3										SECTION 4									

BURUIANA, L. M.

Isolation of asparagine from lupine. Preparation of aspartic acid. L. M. Buruiana and Paula Niculescu. *Rev. chim.* (Bucharest) 5, 540-0 (1957).—Asparagine (I) was obtained in satisfactory yield from the stems of *Lupinus albus* (II). The content of I in II did not change when II was grown in the dark. N fertilizers generally increased the content of I, which was used successfully in prep. Sauton, Loeweinstein, and Petraguani bacteriol. media. Hydrolyzing I in HCl gave 50% aspartic acid, m. 270-1°.

Gary Gerard

EURUNIANA, L.; BALANESCU, I.; NICULESCU, P.

Effect of antibiotics upon thrombin. p. 265. COMUNICARILE. Bucuresti.
Vol. 5, No. 3, Jan. 1955

Source: East European Accessions List, (EEAL), Lc, Vol. 5, No. 3, March 1956

BURUIANA, L.; BALANESCU, I.; NICULESCU, P.

Effect of tissual extracts of animal origin (extracts of placenta and of vitreous humor of Bovidae) upon the germinations of corn and the activity of phosphatase and pectase during germination. p. 1065.
Academia Republicii Populare Romine. COMUNICAILLE.
Bucuresti.
Vol. 5, no. 7, July 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 12, December 1956

RUMANIA/Human and Animal Physiology - Blood. Blood Coagulation. T-3

Abs Jour : Ref Zhur - Biol., No 18, 1958, 84072

Author : Buruiana, L.M., Rauchbach, C.

Inst : Rumanian AS, Timisoara Branch.

Title : Determining Prothrombin Contents in People and in Animals.

Orig Pub : Studii si cercetari stiint. Acad. RPR. Baza Timisoara.
Ser. stiinte med., 1956, 3, No 1-2, 55-61

Abstract : Prothrombin contents were determined according to prothrombin time. The usual preparations of thrombokinase were replaced by a standard solution which was obtained from the lungs of a pig. The average prothrombin time is in birds, 44.5 sec, in humans, 31.6 sec, in buffalos, 26.2 sec, in horses, 23.8 sec, in pigs, 19.7 sec, in oxen, 19.2 sec, in sheep and goats, 15.4 sec, in hares, 14.8 sec, in dogs, 13.5 sec. -- L.N. Dayneko

Card 1/1

RUMANIA / General Biology. Individual Development. B

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103269.

Author : Buruiana, L. M.; Gluhovschi N.; Bilcea P.; Nafer-
nita, M.

Inst : Rumanian Academy of Sciences.

Title : Investigation of Trypsin Activity of Seminal Fluid
and its Significance.

Orig Pub: Studii si cercetari stiint. Acad. RPR. Baza Timi-
soara. Ser. stiinte med., 1956, 3, No 1-2, 63-69.

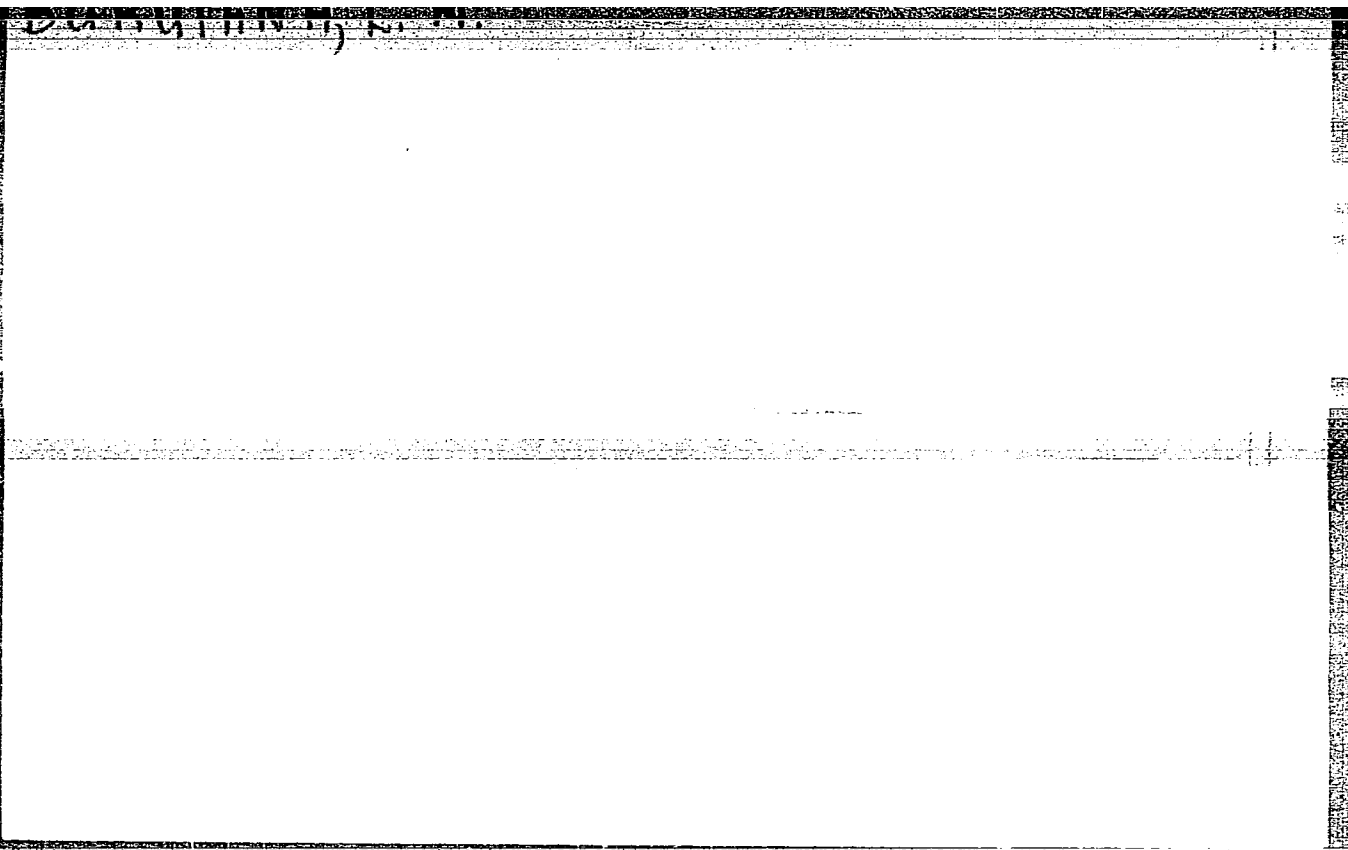
Abstract: Trypsin is present in the seminal fluid of chickens,
turkeys, guinea hens and dogs, but there is no
hyaluronidase and not much glucide in it. The tryp-
sin activity is much greater in birds than in dogs.
Hyaluronidase is present in the seminal fluid of
the goose, but there is no trypsin. Therefore, the
authors divide the seminal fluid of various animals

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COUNTRY : RUMANIA
 CATEGORY : General Biology.
 Individual Development. Sex Cells. B
 ADS. JOUR. : RZhBiol., No. 2, 1959, No. 5058
 AUTHOR : Buruiana, L. M.; Gluhovschi, M.
 INST. : Medical Institute of the Timisoara Branch of*
 TITLE : Phosphatase Activity as a Qualitative Test of
 Semen.
 ORIG. PUB. : Studii si cercetari stint Acad. RPR.Baza
 Timisoara. Ser. stiinte med., 1956, 3, No.3-4, **
 ABSTRACT : The activity of phosphatase was investigated in
 connection with other properties of the semen of
 stallions. Some relationship of phosphatase
 activity to the amount of spermatozoa was
 established as well as to phosphatase activity,
 the semen and the fertilization of examined
 males. It was also found that phosphatase be-
 comes diminished in the semen of exhausted
 stallions. The determination of phosphatase
 activity is a more accurate method for establish-
 CARD: 1/2
 *the Rumanian Academy of Sciences.
 **07-103.

COUNTRY : RUMANIA
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : ing the quality of the semen than the method
which establishes its concentration. Only
alkaline phosphatase was discovered in the
semen of stallions.

CARD: 2/2

-15-

OERIU, S.; BALANESCU, I. V.; BURUIANA, L.; HADARAG, El.; NICULESCU, P.

Effect of sodium salicylate on testicular hyaluronidase;
preliminary note. Probl. ter., Bucur. 3:139-145 1956.

1. Membru corespondent al academiei R.P.R. (for Oeriu)
(TESTES, metabolism
hyaluronidase, in extracts of bovine testis, eff.
of sodium salicylate in various concentrations in
substrata of varying pH)
(HYALURONIDASE, metabolism
in extracts of bovine testis, eff. of sodium salicylate
in various concentrations in substrata of varying pH)

RUMANIA/Farm Animals - General Problems.

Q-1

Abs Jour : Ref Zhur - Biol., No 18, 1958, 83317

Author : Buruiana, L.M., Hadarag, El.

Inst : AS Rumanian People's Republic.

Title : Clarifying Stimulating Effects of Certain Antibiotics
Added to Animal Fodder.

Orig Pub : Studii si cercetari stint. Acad. RFR. Baza Timisoara. Ser.
stinte med., 1956, 3, No 3-4, 105-112.

Abstract : The authors explain the stimulating effect of antibiotics
by the influence which they exert upon digestive ferment
activity, which in turn produces beneficial metabolism
changes. It was established that penicillin and sulfosalicylate-allyl-thiocyanate-streptomycin compounds boost the
effects of trypsin. Highly concentrated streptomycin has
an inhibiting effect. -- A.D. Musin.

Card 1/1

BURUIANA, L.

RUMANIA/Pharmacology. Toxicology. Antibiotics.

V

Abs Jour: Ref. Zhur. - Biol., No. 22, 1958, 102953

Author : Oeriu, S.; Balanescu, I.V.; Buruiana, L.;
Hadarag, El.; Miculescu, P.

Inst : -

Title : The Effect of Some Antibiotics and Synthetic
Chemical Substances on Hyaluronidase and
Hyaluronic Acid.

Orig Pub: Probl. terap., 1956, 3, 159-172

Abstract: The influence of streptomycin, preparation I,
(sulfosalicylate-allylthiocyanate-streptomycin),
pencillin as well as PAS, sulfosalicylic and
salicylic acids on the system of hyaluronidase
(I) - hyaluronic acid (II) was studied. All
these substances activate the I-II system.
Pencillin stimulates it in small concentrations

Card 1/2

RUMANIA/Pharmacology. Toxicology. Antibiotics.

V

Abs Jour: Ref. Zhur. - Biol., 22, 1958, 102953

(1-100 units per 1 ml), inhibits it in larger (500-1000 units per 1 ml). Fermentative depolymerization of II under the influence of I takes place slowly in vitro, and depolymerization, induced by the above-mentioned means, takes place quickly. The speed of depolymerization depends on the dose. Sodium sulfosalicylate acts strongest of all and particularly so the preparation I₂. This corresponds well with the great speed of I₂ penetration into the tissues (into the liquor in experiments on dogs and in the clinic) established previously. Bibl. 16 items.-
A. G. Brusilovskaya

Card 2/2

RUMANIA/Farm Animals. General Problems. Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78674.

Author : ~~Buruiana, I. M.~~; Gluhovschi, N.;
Dinu, I.; Pozdere, R.

Inst : Institute of Agronomy.

Title : New Diluent of Sperm and Results Obtained in the
Practice of Artificial Insemination.

Orig Pub: Anuarul lucrar. stiint. Inst. agron., 1957, 389-398.

Abstract: With the purpose of decreasing the viscosity of vaginal mucus in cows in heat, which represents a certain obstacle to the penetration of spermatozoa in the uterus, a new diluent was prepared for the sperm of bulls which contains: 1.5 g of anhydrous glucose, 0.7 g of citric acid sodium,

Card : 1/2

RUMANIA/Farm Animals. General Problems. Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78674.

10 ml of egg yolk and 50 ml of a 1% pancreas extract. A vitelline-citrate diluent served as control. It was established that the pancreas extract strongly liquifies the vaginal mucous and increases the nobility and viability of the spermatozoa. Artificial insemination of 128 cows with sperm diluted with the new diluent increased their fertility by 12%: the percent of conceptions amounted to 90.7 as against 78.7 in the control. -- V. V. Polovtsova.

Card : 2/2

RUMANIA/Plant Physiology - Growth and Development.

I.

Abs Jour : Ref Zhur - Biol., No 23, 1956, 104386

Author : Buruiana, L.M., Pop, V., Popa, L., and Niculescu, P.

Inst : -

Title : Biochemical Method of Appraising the Effect of Certain Substances on Germination.

Orig Pub : Studii si Cercetari Stiint. Acad. RPR, Baza Timisoara, Ser. Stiinte Agric., 4, No 1-2, 119-126, 1957.

Abstract : The method proposed by the authors consists in determining catalase activity in seeds treated with various quantities of investigated substances 48 hours after the beginning of germination. The results of tests by this method of the effect of naphthoxyacetic acid, streptomycin, penicillin, and placental extracts, on seeds of wheat (Cenad 117), coincide with the hitherto published data on the effect of these substances on germination. Bibliography with 16 titles. -- M.Sh.

Card 1/1

RUMANIA/Plant Physiology - Respiration and Metabolism.

I.

Abs J₀ur : Rev Zhur - Biol., No 25, 1956, 104337

Author : Duruiama, L.M., Pop, V., Popa, L. and Pop, Eug.

Inst :

Title : Changes on (the Activity of) Catalase and Citric Acid Concentration in Seeds During the Germination.

Orig Pub : Studii si Cercetari Stiint. Acad. RPR, Baza Timisoara. Ser stiinte Agric., 4, No 1-2, 127-137, 1957.

Abstract : Catalase activity and citric acid content were determined in germinating seeds of wheat Carthamus tinctorius, Coriandrum sativum, Calendula officinalis, Oniscus benedictus, Trigonella foenum graecum, Ricinus communis, Borago officinalis, Nigella sativa, and Papaver somniferum. Observations showed a rise in catalase activity throughout the germination period, and an increase in the energy of ferment activation during the first two days of germination. No definite laws could be found with respect to changes in the content of citric acid.

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BURUJANA, L., AND OTHERS

"The effect of polyspermia on the viability of spermatozoids and on the enzymatic activity of the sperm."

p. 83 (Studii Si Cercetari De Chimie) Vol. 5, no. 1, Jan./Mar. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

L. M. Buruiana, K. Rauchbach and Ven Pop-Kalmutzki, "Das Verfahren der Fleischkonservierung mittels intraarterieller Einspritzung von Kochsalzloesung und einige der biochemischen Veraenderungen, die im Laufe der Konservierung stattfinden," Monatshefte fuer Veterinaer Medizin (Leipzig), 12/12, 15 June 1957, pp. 321-5.

The authors are affiliated with the Laboratory for Biological Chemistry of the Veterinary Surgical Faculty at Arad (Rumania). Chief: Prof. Dr. L. M. Buruiana. The address of the authors is given as Arad, Str. J. C. Frimu Nr. 15.

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BURUTANA, J. M.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307710008-5"

BURUIANA, L. M.

L. M. Buruiana, "L'action du streptomycine sur l'activite des solutions de trypsine," Die Naturwissenschaften (Berlin), 44/19, October 1957, p. 515.

Received on 5 August 1957.

The author is affiliated with the Laboratory of Animal Biochemistry, Faculty of Veterinary Medicine, Bucharest.

BURUIANA, L.M.

L. M. Buruiana and V. Pavlu, "Le comportement polarographique du sperme," Die Naturwissenschaften (Berlin), 44/22, November 1957, pp. 589-90.

Received on 31 August 1957.

Buruiana is affiliated with the Laboratory of Animal Biochemistry, Faculty of Veterinary Medicine, Bucharest. Pavlu is affiliated with the Physics Laboratory, Polytechnic Institute, Bucharest.

BURUTIANA, L.; HADARAG, E.; VARACHIU, N.

Action of some effectors upon the activity of the erythrocytic phosphomonoesterase.
p. 129.

Academia Republicii Populare Romine. Institutul de Biochimie. STUDII SI CERCETARI
DI BIOCHIMIE. Bucuresti, Rumania. Vol. 2, no. 2, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, August 1959.

Uncl.

BURJIANA, L.M.; PAVLU, V.

Effect of radiations upon proteins. VI. Studii cerc biochimie 5 no.3:
365-375 '62.

1. Catedra de chimie biologica, Facultatea de medicina veterinara,
Bucuresti.

BURUIANA, L.M.; HADARAG, EL.

Adaptive modifications of the erythrocytic phosphomonoesterase in the course of the phylogenetic evolution. Studii cerc biochimie 5 no.3: 377-382 '62.

1. Catedra de chimie biologica, Facultatea de medicina veterinara, Bucuresti.

BURUIANA, L.M.; HADARAG, El.; PAVLU, V.

Research concerning proteins in seminal plasma. Studii cerc
biochimie 5 no.4:507-516 '62.

1. Catedra de chimie biologica, Facultatea de medicina
veterinara, Bucuresti.

BURULIANA, L.M.; PAVLU, V.

The Gamma (Co) radiation effect on catalase. Studii cerc
biochimie 5^o No.4:517-525 '62.

1. Catedra de chimie biologica, Facultatea de medicina
veterinara, Bucuresti.

BURUIANA, L.M.; PAVLU, V.

Polarographic activity of sulfosalicylic filtrates and sericin proteins in various animal species. Studii cerc biochimie 6 no.2:207-214 '63.

1. Catedra de chimie biologică, Facultatea de medicină veterinară, București.

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BURUIANA, I.M.; HADARAG, E.I.; BARBULESCU, I.

Quality of proteins of the seminal plasma. Studii cerc biochimie
7 no.2:165-171 '64.

1. Chair of Biological Chemistry, Institute of Veterinary Medicine, Bucharest. Submitted December 31, 1963.

BURUJANA, L.M.; PAVLU, V.

Applications of the polarographic method in the study of proteins. *Studia Univ B-B S Chem* 8 no.1:377-385 '63

1. "N.Baloescu" Institute of Agriculture, Bucharest.

BURUIANA, L.

Professor Radu Vladescu (1886-1964). Studii cerc biochimie 7
no.2:305-308 '64.

BURUIANA, L.M.; PAVLU, V.

Polarographic studies on the proteins in seminal plasma. Pt.2.
Studii cerc biochimie 8 no.1:17-31 '65.

1. Chair of Biological Chemistry, Institute of Veterinary Medicine,
Bucharest. Submitted August 1, 1964.

BURUKHIN, M.A.

SMIRNOV, A.P., slesar'; BURUKHIN, M.A., slesar'.

Repairing air preheater tubes. Energetik 1 no.1:11-12 Je '53. (MIRA 6:8)
(Steam boilers)

BURUKHINA, V. P.

BURUKHINA, V. P. -- "The Problem of Changes in the Reactivity of the Organism of Patients with Bronchial Asthma." Min Health USSR. First Leningrad Medical Inst imeni Academician I. P. Pavlov. Leningrad, 1955. (Dissertation for the Degree of Candidate in Medical Sciences).

So.: Knizhnaya Letopis', No. 6, 1956.

BURUKHINA, Z.Ye.

Sodium feldspar in skarn formations. Trudy Inst. geol. KirFAN no.4:
63 '53. (MIRA 11:3)

(Albite)

BURUKINA, A. V.

USSR/Medicine - Dysentery

Nov 53

"Attempt at the Therapy of Chronic Dysentery of Children by Adapted Bacteriophage," Ye. P. Kremer, A. V. Burukina, Ye. N. Kruglikova, N. G. Grigor'yeva, Chair of Faculty Pediatrics, Kazan' Med Inst; Kazan' Inst of Epidemiol and Microbiol

Zhur Mikro, Epid, i Immun, No 11, p 69

Bacteriophage adapted to local strains of dysentery bacteria proved effective in the treatment of chronic dysentery of children.

271T48

BURUKINA, A.V.

Method of preparing an adapted dysenterial bacteriophage. Zhur.
mikrobiol.epid. i immun. no.7:24 J1 '55. (MLRA 8:9)

1. Iz Kazanskogo instituta vaktsin i syvorotok (dir.kandidat
meditsinskikh nauk N.A. Menshilova)
(BACTERIOPHAGE,
of Shigella dysenteriae, prep)
(SHIGELLA,
dysenteriae, bacteriophage, technic of prep.)

Country: USSR

E

Category: Virology. Bacterial Viruses (Phages)

Abs Jour: Ref Zhur-Biol., No 23, 1958, 105401.

Author : Avkent'yeva, V.A.; Alatyrtseva, I. Ye.; ~~Burukina,~~
A.V.; Zobnina, K. S.; Gel'shan, L.S.; Kuznetsova,
G.S.; Minkevich, Ye. I.

Inst : -

Title : The Problem of Increasing the Therapeutic Effectiveness
of Dysentery Bacteriophage.

Orig Pub: Sb. Bakteriofagiya, Tbilisi, Gruzmedgiz, 1957, 115-121.

Abstract: Of 357 dysentery cultures isolated in children who
were sick with chronic dysentery only 60 percent
proved to be sensitive to the usual standard phages.
The phages were adapted (to each culture individually)

Card : 1/2

Country : USSR
Category: Virology. Bacterial Viruses (Phages)

E

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103401

to cultures selected for their biochemical and serological properties but chiefly for their phage-resistance. A mixture was made of these phages (polyphage) which was used for treatment. The treatment was given in three courses consisting of three cycles each. Of 356 children sick with chronic dysentery who were given phage treatment 335 (94.1 o/o) were discharged healthy. Twenty persons (5.9 o/o) remained chronic carriers. --
Ya. I. Rautenshteyn.

Card : 2/2

16

BURUKOVSKIY, R.N.

Infestation of some mollusks with the nemertinean *Malacobdella*
(O.F.Müller). Zool. zhur. 42 no.10:1576-1577 '63. (MIRA №:12)

1. Department of Invertebrate Zoology, State University of Kazan.

BURULA, P. I., Cand Med Sci -- (diss) "The Effect of certain medicinal factors upon the restoration of functions of the undercooled organism of warm-blooded animals." Krasnodar, "Sov. Kuban", 1958. 17 pp (Min of Health RSFSR. Kuban' State Med Inst im Red Army). 220 copies. (KL, 12-58, 101)

BURULANA, M; HADARAG, E.; BUNESCU, G.

Effect of serous proteins upon certain proteinases. p. 671. COMUNICARILE.
Bucuresti. Vol. 5, No. 4, April 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956.

BURULEANU, N.

RUMANIA/Analysis of Inorganic Substances.

G-2

Abs Jour: Ref Zhur - Khimiya, No 6, 1957, 19520

Author : A. Duca, N. Buruleanu

Inst :

Title : Determination of Alkali Metals: Na - Cs, K - Cs (Without Preliminary Chemical Separation) by Method of Polarographic Derivative Analysis.

Orig Pub: Rev. chim., 1956, No 7, 430 - 432.

Abstract: For the simultaneous determination of two components, it is necessary that the difference of the potentials of their reduction is ≥ 0.2 v in case of the usual method and ≥ 0.1 v in case of the method of polarographic derivative analysis. (RZhKhim 1954, 44466). The method developed for

Card : 1/3

- 1 -

RUMANIA/Analysis of Inorganic Substances

G-2

Abs Jour: Ref Zhur - Khimiya, No 6, 1957, 19520

a mixture $\text{Na} = \text{K}$ was applied to the determination of the relation $\text{Na} : \text{Cs}$ or $\text{K} : \text{Cs}$ ($E_{\frac{1}{2}} \text{Na}^+ -2.15 \text{ v}$, $\text{K}^+ -2.17 \text{ v}$, $\text{Cs}^+ -2.13 \text{ v}$).

Due to the diffusion factor difference at equal weight quantities of Na^+ , K^+ or Cs^+ , the polarographs have different heights (h) and depths (a) of waves. h and a are directly proportional to the quantity of the alkali metal; the values of (h) and (a) (the quantities of metals being the same) are the greatest in case of Na^+ , intermediate in case of K^+ and the least in case of Cs^+ . In the case of a mixture of two ions (for example, $\text{Na} - \text{Cs}$), the values of (h) and (a) are less than in the case of pure Na^+ (in the same quantity).

Card : 2/3

- 2 -

RUSSIAN/Analyses of Inorganic Substances

G-2

Doc Jour: Ref Zhur-Khimich No. 6, 1977 19720

ty. The decrease of h and a of a mixture relatively to h and a for H_2O as an proportion to the decrease of the H_2O content in the mixture. h and a are measured on polarograms of mixtures $H_2O - Cs$ or $H_2O - Cs$ and the content of each component is computed by means of calibrating curves and tables. The method of addition is used, when the relation between the alkali metal is 1 : 10.

Card 3/3

FILIPSKIY, A.A., inzh.; IVANNIKOV, V.D., inzh.; BURUMENSKIY, N.D., inzh.

Semiautomatic welding with a powder wire at a construction site.
Svar. proizv. no.8:31 Ag '64. (MIRA 17:9)

1. Dnepropetrovskoye stroitel'noye upravleniye No.460 tresta
"Ukrenergochermet" (for Filipskiy, Ivannikov). 2. Trest
"Ukrenergochermet" (for Burumenskiy).

BURUN, K.

Results of the first year of work. Sil'bud. 7 no.6:5-6
Je '57. (MIRA 13:3)

1. Predsedatel' soveta Bereznyanskoy rayonnoy kolkhoznoy
stroitel'noy organizatsii.
(Berezna District--Construction industry)

BURUNDUKIVS'KYI, L. I.

Problema elekryfikatsii zaliznyts' Ukrainy. The problem of railroad electrification of the Ukraine. Kharkiv, Hospodarstvo Ukrainy, 1931. 96p.

NN

DLC: TF858.U45B8

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

BURUNDUKOV, K.

Device for testing transistors. Radio no.9:53 S '60. (MIRA 13:10)

1. Tekhnicheskoye uchilishche No.3, g.Tyumen'.
(Transistors--Testing)

SHAROV, M.A.; BURUNOV, V.Ye.; DIVINSKIY, A.A.; KHARCHENKO, N.P.;
CHERKASHIN, A.S.; CHULKOV, A.F.; KOSOROTOV, B.V., red.

[DT-75 tractor] Traktor DT-75. Moskva, Kolos, 1965. 258 p.
(MIRA 18:7)

16(1)

PHASE I BOOK EXPLOITATION

SOV/2661

Burunova, Nina Mikhaylovna

Spravochnik po matematicheskim tablitsam; dopolneniye, No. 1 (Handbook on Mathematical Tables; Supplement, Nr. 1) Moscow, Izd-vo AN SSSR, 1959. 183 p. Errata noted. 7,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Vychislitel'nyy tsentr.

Resp. Ed.: V. A. Ditkin, Professor; Ed.: M. V. Yakovkin; Tech. Ed.: Ye. V. Makuni.

PURPOSE: This book is intended for specialists in applied mathematics and for scientists and engineers.

COVERAGE: This book is the first supplement to Spravochnik po matematicheskim tablitsam (Handbook on Mathematical Tables) (Academy of Sciences, Moscow, 1956) by A. V. Lebedev and R. M. Fedorov. The Supplement brings the Handbook up to date by including information on tables published both in the Soviet Union and abroad after the Handbook was published, and also on

Card 1/10

Handbook on Mathematical (Cont.)

SOV/2661

tables which were not included in the Handbook for one reason or another. Among the sources used for the Supplement were books from the central libraries of the Soviet Union; Referativnyy zhurnal matematika up to No. 6, 1958; Mathematical Tables and Other Aids to Computation up to No. 60, 1957; Mathematical Reviews up to No. 8, 1958. The first part of the Supplement contains 15 chapters. A name index of Soviet and foreign authors is included at the end of the book. No personalities are mentioned. There are 554 references: Soviet, English, German, and others.

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Card 10/10

LK/fal
1-8-60

BURUNOVA, Ye.N.; KUTSENKO, A.I.; MOSHKIN, P.A.

Synthesis of the alkyl lactates of methylphosphinic acid. Plast.
massy no.10:16-17 '63. (MIRA 16:10)

ACCESSION NR: AP4045017

S/0191/64/000/009/0008/0009

AUTHOR: Burunova, Ye. N., Kutsenko, A. I., Moshkin, P. A., Rubtsova, I. K.

TITLE: Synthesis of the alkyl lactates of phenyl and diphenylphosphoric acids

SOURCE: Plasticheskiye massy*, no. 9, 1964, 8-9

TOPIC TAGS: phosphoric acid, alkyl lactates, aryl lactate, phenylphosphoric acid, diphenylphosphoric acid, alkylarylphosphate, plasticizer

ABSTRACT: Since the mixed esters of phosphoric acids, such as alkylarylphosphates, show good fireproofing properties when used as plasticizers for vinyl resins, some of the esters of alkyl-phosphoric acid which have not yet been described in the literature were investigated. Mixed esters of phenyl- and diphenyl-phosphoric acids and n-butyl-, n-amyl-, n-hexyl-, n-heptyl, 2-ethylhexyl-, n-nonyl and n-decyl lactates were synthesized. Chemical equations are given for the synthesis of the esters of the alkyl-lactates of phenyl- and diphenyl-phosphoric acids, which were obtained by the reaction of alkyl lactates with the dichloroanhydride of phenylphosphoric acid and the chloroanhydride of diphenylphosphoric acid. The syntheses of the di-n-hexyl lactate of phenyl phosphoric acid (yield 75.2%) and the n-nonyl lactate of diphenyl phosphoric acid (yield 84.4%) are given as model reactions. The characteristics of all 14 resulting esters (n_D^{20} , d_4^{20} , acid number, MR_D ,

ACCESSION NR: AP4045017

phosphorus content, yield) are tabulated. Orig. art. has: 2 tables.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, OC

NO REF SOV: 002

OTHER: 003

BURUNOVA, Ye.N.; KUTSENKO, A.I.; MOSHKIN, P.A.

Synthesis and study of dialkyl lactates of 4,5-epoxyhexa-
hydrophthalates. Plast. massy no.5:38-40 '65. (MIRA 18:6)

9(2)

PHASE I BOOK EXPLOITATION

SOV/2298

Burunsuzyan, E.S.

Nekotoryye voprosy sinteza elementov radiotekhnicheskikh ustroystv
(Some Problems in the Synthesis of Radio System Elements) Yerevan,
Izd-vo AN Armyanskoy SSR, 1958. 80 p. Errata slip inserted. 2,000
copies printed.

Sponsoring Agencies: Adademiya nauk Armyanskoy SSR. Redaktsionno-
izdatel'skiy sovet, and Byurakanskaya astrofizicheskaya observa-
toriya.

Resp. Ed.: E.G. Mirzabekyan; Tech. Ed.: M.A. Kaplanyan.

PURPOSE: This book, published in accordance with a directive of the
Editorial and Publishing Council, Academy of Sciences, Armenian
SSR, may be useful to engineers engaged in the design of communi-
cations systems.

COVERAGE: The author discusses some methods of approximating an ac-
tual characteristic of a system to the ideal theoretical character-

Card 1/4

Some Problems in the Synthesis of Radio (Cont.)

SOV/2298

istic. He discusses circuit functions, particularly those forming Chebyshev's T system and meeting practical requirements. He also discusses methods of building linear systems for forming nonrectangular pulses, delay systems and multistage amplifiers and present some numerical examples. No personalities are mentioned. There are 19 references: 16 Soviet (including 1 translation) and 3 German.

TABLE OF CONTENTS: None given; the book is subdivided as follows:

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Card 4/4

JP/bg
10-7-59

31445

S/620/58/000/025/003/004
D218/D302

3,1710

3,1760

AUTHORS:

Tovmasyan, G. M. and Burunsuzyan, E. S.

TITLE:

Experimental verification of the method of resonance
amplification of radio signals received by a radio
interferometer

SOURCE:

Akademiya nauk Armyanskoy SSR. Byurakanskaya
observatoriya. Soobshcheniya, no. 25, 1958, 83-89

TEXT:

The present paper describes an experimental check of
the method described previously by the authors. The observations
were carried out on a 1.52 m wavelength, using a specially con-
structed experimental radio telescope. The antennas were separated
by a distance of the order of 100 wavelengths and consisted of 4
rows of half-wave dipoles with 8 dipoles per row. The beam width
at half-power points was 30°. The antennas could be rotated so as
to cover the entire northern hemisphere and a part of the southern
hemisphere (down to $\theta = -30^\circ$). The interferometer incorporated a

Card 1/3

31445

S/620/58/000/025/003/004
D218/D302

Experimental verification of ...

37 cps Ryle modulator. It included a superhet. receiver with HF amplifier based on two 6C5D tubes (grounded grids). The IF amplifier contained 4 stages. The second detector (square law) made use of the crystal detector ~~DP-43~~ (DG-TsZ). The receiver was tuned to 197 Mc/sec (bandwidth 1.7 Mc/sec, noise factor 16). The narrow band RC amplifier was tuned to the modulation frequency (bandwidth 1.5 cps, amplification 5,000). The modulated signal was rectified by a synchronous detector. The reference voltage was derived from a generator coupled to the axis of the motor driving the modulator. The time constant of the detector output of a synchronous detector was fed directly into a pen recorder and in the resonance system. The ~~ENP~~-09 (EPF-09) pen recorder was employed in both cases. It was found that the only two sources which could be reliably recorded were Cas-A and Cyg-A. However, use of the resonance method enabled the detection threshold to be increased from 10^{-23} W/cps. m² to 2×10^{-24} W/cps. m². Improvements were also found in the directivity of the interferometer and the accuracy to which the intensity and the

Card 2/3